

19990920.ba v02_n672.bam.990920 v02_n673.bam.990920

>From ???@??? Tue Sep 21 01:52:31 1999
Message-Id: <199909201558.d8KFwLM25414@sco.theporch.com>
Date: Mon, 20 Sep 1999 10:57:41 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2672

BOATANCHORS Digest 2672

Topics covered in this issue include:

- 1) Philco Radio Collectors?
by "David L. Stinson" <arc5@ix.netcom.com>
- 2) Re: Cleaning carbon pots- Deoxit or ?
by "Arden Allen" <gumbear@pacbell.net>
- 3) Re: 10 meter propagation
by "Arden Allen" <gumbear@pacbell.net>
- 4) Re: 10 meter propagation
by Ray Vasek <w2ec@ibm.net>
- 5) Re: Cleaning pots....
by "Herbert M. Rosenthal" <herbrose@lobo.net>
- 6) Millen VFO Question
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 7) Re: Rusty BC-610's Value??
by "David L. Stinson" <arc5@ix.netcom.com>
- 8) Re: FS
by George T Folse III <kb5ww@bellsouth.net>
- 9) FS: Tektronix R7603 Scope
by "Richard W. Solomon" <w1ks@t1ac.net>
- 10) RE: Cleaning pots....
by "Richard W. Solomon" <w1ks@t1ac.net>
- 11) RE: Millen VFO Question
by "David Newkirk" <dpnewkirk@home.com>
- 12) Re: 6GX6/6GY6 Substitute
by James Hanlon <knjhanlon@uswest.net>
- 13) Re: Cleaning pots....
by "Arden Allen" <gumbear@pacbell.net>
- 14) Fest Report
by Jderm740@aol.com
- 15) Re: Millen VFO Question
by Niel Wiegand <nielw@ix.netcom.com>
- 16) Re: Cleaning pots.... an addendum
by "Arden Allen" <gumbear@pacbell.net>
- 17) Hank KN6DI pls contact me
by zeitler@ibm.net
- 18) Thank You!!

- by Dave <davidh@getnet.com>
- 19) Please Help Identify This Transmitter
by Dave <davidh@getnet.com>
- 20) HQ-129-X speaker wanted
by "Mike Warren" <w5maz@earthlink.net>
- 21) A Correction
by Jderm740@aol.com
- 22) Collins Phone Patch
by "ROBERT F. KEMP" <rkemp@mr.net>
- 23) Re: Cleaning pots....
by "Bob Duckworth" <wb4mnf@atl.org>
- 24) Part needed for SP-600
by Ray Vasek <w2ec@ibm.net>
- 25) SX-28 info needed
by Chip Owens <owens@atd.ucar.edu>
- 26) Power Supply Iron
by Stanley A McIntosh <mcintos@basf-corp.com>

Message-ID: <37E4F633.BAE6D1CF@ix.netcom.com>
Date: Sun, 19 Sep 1999 09:41:55 -0500
From: "David L. Stinson" <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Philco Radio Collectors?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If you are a *serious* collector of Philco radios,
meaning you also collect Philco ephemera and books,
please email me.

Dave S.

Message-Id: <199909191453.HAA23669@mail-gw.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Cleaning carbon pots- Deoxit or ?
Date: Sun, 19 Sep 1999 07:53:36 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Jim;

> I'm a bit embarresed to ask this question, as I feel I should know the
> answer but my radio fixing time is so limited these days that I dont have

> the experience under my belt. What works well in cleaning noisy (and maybe
> worn) carbon pots ? The particular pots in question are concentric so would
> be hard to replace if I destroyed them. They were made in the late 1960's or
> early 70's. I have heard somewhere that if you use the wrong cleaner on
> carbon pots you risk washing away the carbon film.

It's a good question. Powerful solvents can degrade the binder in some carbon pot elements. I have read warnings in the past about the use of chlorinated solvents on carbon pots. I have used WD-40 on pots with good results and no apparent damage. Caig Labs has a pot lubricant that is probably the ne plus ultra of pot cleaner/lubes. Take a gander at
<<http://www.caig.com/c-mcl.htm>>.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <199909191453.HAA23664@mail-gw.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 10 meter propagation
Date: Sun, 19 Sep 1999 07:37:26 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Ray;

> Interesting conditions at 23:30Z this evening, had a qso with W6PR in CA, W7XH
> in AZ, KH6CC in Hawaii and VK2BA in Australia, all at the same time on 29.0mc
> AM. They could all hear me fine, I could hear them fine. Have to map this out
> and see what was going on. Bill, W7XH could hear KH6CC but the others couldn't
> hear each other, just me in NY.

The skip zone on 10 meters us well over a thousand miles. Western states can't hear each other, eastern states can't hear each other but East meets West on 10 meters!!!

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <37E50497.14AD3949@ibm.net>

Date: Sun, 19 Sep 1999 11:43:19 -0400
From: Ray Vasek <w2ec@ibm.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: List-Boatanchors <Boatanchors@theporch.com>
Subject: Re: 10 meter propagation
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Arden,

Yup, I'm familiar with skip, what I meant was I wanted to plot it out and see what it looked like on a chart. Distances from my QTH were 2032, 2350, 4480 and 9830 miles from each of the stations, all on a bearing of 266 thru 275 degrees from me. Just though it neat, in 40 years had never had that many simultaneous contacts on 10 across such a great distance.

73, Ray W2EC

Arden Allen wrote:

>
> Hi Ray;
>
> > Interesting conditions at 23:30Z this evening, had a qso with W6PR in CA,
> W7XH
> > in AZ, KH6CC in Hawaii and VK2BA in Australia, all at the same time on
> 29.0mc
> > AM. They could all hear me fine, I could hear them fine. Have to map this
> out
> > and see what was going on. Bill, W7XH could hear KH6CC but the others
> couldn't
> > hear each other, just me in NY.
>
> The skip zone on 10 meters us well over a thousand miles. Western states
> can't hear each other, eastern states can't hear each other but East meets
> West on 10 meters!!!
>
> Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <37E5187E.77E7@lobo.net>
Date: Sun, 19 Sep 1999 11:08:31 -0600
From: "Herbert M. Rosenthal" <herbrose@lobo.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Cleaning pots....
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Herbert M. Rosenthal wrote:

>
> I've used ZIPPO lighter fluid for a gazillion years..a squirt will do
> it!
>
> Herb Rosenthal W5AN

Message-Id: <3.0.5.32.19990919132353.007fd620@miavx1.muohio.edu>
Date: Sun, 19 Sep 1999 13:23:53 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
Subject: Millen VFO Question
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Guys,

I was at the Cincinnati hamfest this morning and bought a Millen 90700 VFO. I'd never seen one before, but it was so neat looking and in such nice condition I couldn't pass it by. It consists of a rectangular metal box with a big Millen variac-type knob on front marked 0-100. A logging scale on top of the box converts the knob setting to frequency. The box is permanently attached to a power supply chassis, which has two tubes, a toggle switch, indicator lamp, and key jack. A shielded cable is connected to the power supply chassis and terminates in a small rectangular metal box with a 5-pin tube socket-type plug. The small box appears to contain a tuned circuit for the oscillator. What really intrigued me about the VFO is the fine-tuning control, which was a metal lever about five inches long, with a wooden handle. It pivots up and down, like a joystick. The whole VFO is painted with a beautiful black wrinkle finish and looks gorgeous.

I've never paid a whole lot of attention to the early Millen gear, but I recall a rack-mount transmitter (using an 807, or something like that) and I'm wondering if this is a matching VFO for it. I took a picture of the VFO and you can see it at

<http://www.muohio.edu/~4cx250b/VFO.jpg>

73,

Jim Garland W8ZR

Message-ID: <37E53D19.758977E5@ix.netcom.com>
Date: Sun, 19 Sep 1999 14:44:25 -0500
From: "David L. Stinson" <arc5@ix.netcom.com>

MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Rusty BC-610's Value??
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If it's just surface rust on the outside of the case and it has not rotted out the bottoms or chassis' (chassi?), the wiring isn't rat-eaten, they are unmodified, the expensive 2A3 tubes are present and the speech amp is there, you could go as high as \$400 for the pair. After rebuild-repaint, assuming it was a good job, you could easily sell one for that price and get your investment back, less work and parts.

If the rust has reached the chassis or the inside of the covers, that's a whole new game. In that condition, I wouldn't offer him over \$200 for the whole lot. You have no idea if the power/modulation iron is useable or if moisture has gotten to it. And you're in for a LOT of manual labor, storage cost, moving costs, etc. The coils- assuming you find them- will need to be rebuilt (that's true in either case). The plug-in tuning units rust out faster than the transmitter so you could have a problem there.

At \$200, you could recoup about
%50 of your investment if they turn out to be junk.
\$100 is worth risking if it might result in a working 610.

Even more important: You shouldn't reward him with a good price for being careless with his assets. If he wanted a good price, he should have taken care of them.

73 OM DE Dave Stinson AB5S

Message-ID: <37E56539.5A73@bellsouth.net>
Date: Sun, 19 Sep 1999 17:35:37 -0500
From: George T Folse III <kb5ww@bellsouth.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Heath List <heath@listserv.tempe.gov>
Subject: Re: FS
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All,

Dx 200 is sold, still have the other items

I also have for sale T4XB,R4B,MS4,and the PS,work Ex,\$450 plus shipping.
George

Message-ID: <01BF02CD.0D90AE00.w1kszt@tiac.net>
From: "Richard W. Solomon" <w1kszt@tiac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Tektronix R7603 Scope
Date: Sun, 19 Sep 1999 18:30:13 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Finally sorting out some of this pile. Here's a nice scope
for someone in the New England area. I really don't want
to pack it.

Tektronix R7603 100 MHz Mainframe (Rack mount version of 7603)

7A18 Vertical Amp

7B80 Time Base

This leaves one open bay for whatever you wish.

Just released from Cal Lab and works to spec.

\$150

73, Dick, W1KSZ

Message-ID: <01BF02CE.31221920.w1kszt@tiac.net>
From: "Richard W. Solomon" <w1kszt@tiac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "'BoatAnchors'" <boatanchors@theporch.com>
Subject: RE: Cleaning pots....
Date: Sun, 19 Sep 1999 18:36:06 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I hope that old BA doesn't spark !!

73, Dick, W1KSZ

-----Original Message-----

From: Herbert M. Rosenthal [SMTP:herbrose@lobo.net]
Sent: Sunday, September 19, 1999 1:09 PM
To: Old Tube Radios
Subject: Re: Cleaning pots....

Herbert M. Rosenthal wrote:

>

> I've used ZIPPO lighter fluid for a gazillion years..a squirt will do
> it!
>
> Herb Rosenthal W5AN

From: "David Newkirk" <dpnewkirk@home.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Millen VFO Question
Date: Sun, 19 Sep 1999 20:15:51 -0400
Message-ID: <000201bf02fd\$4c4d9ec0\$1e360818@cc456763-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim Garland, W8ZR, wrote:

> I was at the Cincinnati hamfest this morning and bought a Millen
> 90700 VFO.

[most of rest deleted]

This was the manufactured version of the VFO described in Henry E. Rice,
Jr., W9YZH, "The Variarm 150," QST, January 1941, pages 8-11, 74, 76.

> I've never paid a whole lot of attention to the early Millen gear, but I
> recall a rack-mount transmitter (using an 807, or something like that) and
> I'm wondering if this is a matching VFO for it. I took a picture of the
> VFO and you can see it at
>
<http://www.muohio.edu/~4cx250b/VFO.jpg>

That Millen rack-mount transmitter was a manufactured version of another
first-described-in-QST project (Don Mix, W1TS, "A Simple Two-Tube Exciter,"
QST, November 1940, pages 9-13; it also appeared in the ARRL Handbook
editions from 1941 [I think] through 1946). At the level of its original
presentation, the Variarm 150 wasn't specifically touted as a matching VFO
for the Mix transmitter, but considering the mix-and-match approach to
station design long established in ham radio, it might as well have been.
The designs' different authorship aside, it wouldn't surprise me if the
output plug on the Millen-manufactured Variarm 150 doesn't physically and
electrically fit the crystal/VFO socket on the front of the
Millen-manufactured Mix transmitter.

73,

Dave Newkirk, W9VES

dpnewkirk@home.com

Message-ID: <37E58CBD.1778C8D4@uswest.net>
Date: Sun, 19 Sep 1999 19:24:13 -0600
From: James Hanlon <knjhanlon@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 6GX6/6GY6 Substitute
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jose,

Antique Electronic Supply, Tempe, Arizona, USA, has the
6GX6/6GY6 listed on their web site for \$3.90 each. You can
view their home page at <http://www.tubesandmore.com/> Click
on CATALOG and then on Tubes.

73,

Jim, W8KGI

Message-Id: <199909200236.TAA15231@mail-gw6.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "'BoatAnchors'" <boatanchors@theporch.com>
Subject: Re: Cleaning pots....
Date: Sun, 19 Sep 1999 19:36:11 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> I hope that old BA doesn't spark !!

For the sake of reason I'll dampen Richard's enthusiasm for disaster a
little:

Nearly ALL electronic contact cleaners that sell for a reasonable price
contain flammable solvents these days. It's not just a hazard from lighter
fluid, all purpose lubes or foo-foo juice. Soooooooo, it's not a good idea
to spray and switch with the power on. After a few minutes the more
volatile components evaporate and the lower volatility lubricants remain.
The flash fire hazard becomes nil after the drying time has lapsed (one
hopes). BUT, don't take my word for it, do some tests on your elected
magic switch cleaner. DON'T spray while switching unless you want to
develop a FLAME THROWER. Apply fluid, set container aside and then rotate

or throw switch. DON'T do this test on your rig, do it on an experimental setup. Some reasonably safe level of DC voltage applied to switch contacts through a 1-10 henry choke will make nice sparks. If things catch fire after a reasonable drying time, stuff ain't suitable for a switch or pot lube. What's your favorite living-on-the-edge formula??????

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

From: Jderm740@aol.com
Message-ID: <5c67c69.2516f94d@aol.com>
Date: Sun, 19 Sep 1999 22:43:25 EDT
Subject: Fest Report
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi all

This weekend there were two Hamfests. Marshfield on Saturday and Newtown on Sunday. I wanted to go to both but after the Chicago trip I was too tired to make both. Out and back in five days. A lot of driveing but I had a chance to visit with friends in western Pa.

I decided on the Newtown fest and I'm glad I did. There were quite a few BAs there and most prices weren't bad. There was a Hammerlund 140X for \$100.00, a highly modified Halli S40. Bunch of extra lights for something. Dealer didn't know what.

One fellow who used to show up with a lot of tubes, has now expanded his scope. He had a National NC120? and a whole series of Heath Single Band transceivers. Must have come from an estate as it was one of each. HW-22 through HW-32 and an HW-32A. He also had a lot of tuning caps in all different sizes. He also had Johnson Directional Coupler, which is now mine. A couple of other things fell in love with me. They told me so as soon as I paid for them. One was a Halli S-41 and the other was a Lester tunable converter with all the plug-in coils. The other name on it was Lafayette. But the piece de resistance was a "Brand New" Instructograph, with all the tapes, Key, headphones and all instructions. Unit looks like it had never been plugged in. Something I'm planning to do soon. He even had the original bill of sale. Just might learn the D*** code yet.

Jack

Message-ID: <37E5A532.4583F653@ix.netcom.com>
Date: Sun, 19 Sep 1999 22:08:34 -0500
From: Niel Wiegand <nielw@ix.netcom.com>
MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Millen VFO Question
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

N900 has an excellent Millen page at
<http://www.qsl.net/n900/millen/millen.html> with pictures, descriptions
and schmatatics.

73, Niel
<http://www.io.com/~nielw/index.htm>

"James C. Garland" wrote:

>
> Hi Guys,
>
> I was at the Cincinnati hamfest this morning and bought a Millen 90700 VFO.
<snip>
> I've never paid a whole lot of attention to the early Millen gear, but I
> recall a rack-mount transmitter (using an 807, or something like that) and
> I'm wondering if this is a matching VFO for it.
<snip>
> 73,
>
> Jim Garland W8ZR

Message-Id: <199909200322.UAA25507@mail-gw6.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "'BoatAnchors'" <boatanchors@theporch.com>
Subject: Re: Cleaning pots.... an addendum
Date: Sun, 19 Sep 1999 20:21:28 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Lubricants, even flammable ones, act as arc suppressors. How's that, you say? Visualize the switch contacts as being coated with a viscous fluid. When the contacts just separate the lubricant forms a bridge of goo precisely in line with the shortest distance between the separating contacts. In order for an arc to occur, the lubricant has to break down and become conductive or an arc must occur the long way around through the air. It just so happens that hydrocarbon lubricants are excellent insulators so long as they are free of conductivity enhancing constituents. Striking an arc through a thin layer of oil or grease takes much more

voltage. If an arc does occur through the lubricant some of the lubricant is burned but the breakdown occurs inside of a mass of heat absorbing material that seals the conflagration from the surrounding air. This property of lubricants helps to reduce wear on contacts that normally arc when actuated because the arcing is eliminated or substantially reduced. It would take a prolonged arc to burn away all of the lubricant. There would be a puff of smoke and then all of the fuel would be gone before a fire could start. In order to have a fire start, in addition to a long arc, you would have to have lots more fuel around, like lots of oil soaked dust, crummy phenolic insulation and other flammable goodies laying in wait. That's why today's components are made of insulations that combust at rates that reduce flame support and tend to be self extinguishing, in order to keep a fire from spreading. Do the test, your eyes will be opened (but wear safety glasses while looking). A note of caution: When lubing switches, apply lubricants only to the contacts, you don't want a fuel dump available if the worst case situation should obtain.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

From: zeitler@ibm.net
Message-ID: <002a01bf0325\$58dfd2c0\$54dd6520@km3g>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Hank KN6DI pls contact me
Date: Sun, 19 Sep 1999 22:02:28 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I lost ur e-mail address Hank. Pls send me an e-mail by replying to this post. Tks.

Lane
Ku7i

Message-ID: <37E5D7B2.C13AA2D4@getnet.com>
Date: Mon, 20 Sep 1999 06:44:13 +0000
From: Dave <davidh@getnet.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Thank You!!
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

As usual the list came through with the schematic for the Philco 37-620.

Many thanks to all.

By the way, mine is a table model with a cabinet that is between a tombstone and a cathedral (transition model). Several mentioned having console versions. Guess in is the "B" version, same chassis, different cabinet.

Thanks again all

73,

Dave N7RK

--

Dave N7RK - Webmaster CADXA
Phoenix, Arizona *DXCC Honor Roll* *WAZ#23 - 75 Meter SSB*

ex-N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National
and what ever else looks interesting!

E-Mail: davidh@getnet.com

My Home Page: <http://www.getnet.com/~davidh>

Visit the Central Arizona DX Association Home page - <http://cadxa.org>

Message-ID: <37E5D800.CCF9CB59@getnet.com>

Date: Mon, 20 Sep 1999 06:45:31 +0000

From: Dave <davidh@getnet.com>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Please Help Identify This Transmitter

Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"

Content-Transfer-Encoding: 7bit

Need some help identifying a find I obtained a few months ago at a local hamfest - (all right I'm slow!)

It is a VLF transmitter made by Radiomarine Corporation of America,
Model ET8003.

ID plate says 50 watts out from 355 to 500 kc. It is missing the four finals so have no idea what they are other than four prong tubes. The back cover is a massive piece of black bakelite.

Can anyone ID this and tell me more such as finals, VFO or Xtal control, etc.

Tnx and 73,

Dave N7RK

--

Dave N7RK - Webmaster CADXA
Phoenix, Arizona *DXCC Honor Roll* *WAZ#23 - 75 Meter SSB*

ex-N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National and what ever else looks interesting!

E-Mail: davidh@getnet.com

My Home Page: <http://www.getnet.com/~davidh>

Visit the Central Arizona DX Association Home page - <http://cadxa.org>

Message-ID: <000701bf0366\$f80b4960\$8fc61b26@mikewarr>

From: "Mike Warren" <w5maz@earthlink.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: HQ-129-X speaker wanted

Date: Mon, 20 Sep 1999 07:52:15 -0500

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Greetings All,

I'm in need of the Hammarlund speaker that goes with the HQ-129-X. I want to buy it for a friend who has been very helpful to me. Would appreciate any leads/sources.

Thanks,

Mike Warren W5MAZ
15533 Sandhill Circle
Eden Prairie, MN 55347
612-851-1498 (days)

From: Jderm740@aol.com
Message-ID: <d3cc9eae.25178e33@aol.com>
Date: Mon, 20 Sep 1999 09:18:43 EDT
Subject: A Correction
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In my last post I identified the National as a NC-120. Wrong. I got out my Moore book and looked up the picture of what I think I saw. It had to have been a variation of a NC-100. Not the one with the NPW dial but with the dial similar to the ACN. The radio was on the bottom of the pile and I don't get down that easy anymore. Don't see little numbers that well either.

Jack

Message-ID: <37E65292.8AC@mr.net>
Date: Mon, 20 Sep 1999 08:28:18 -0700
From: "ROBERT F. KEMP" <rkemp@mr.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Collins Phone Patch
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a little sub-assembly with no number on it. Has two controls, phone patch "off and on" and a "vox bal". I think it may be out of a KWM-1 station console but am not certain. Unit is approx. 5" wide, 4" deep and the chasis is 1 3/4" tall. Has the typical(2) little transformers for the phone patch (says Collins on them).

Anyway, what this is leading up to is that I don't need it.

IF there's any interest, let me know.

Bob.

Message-Id: <199909201342.JAA08097@hat-trick.atl.org>
From: "Bob Duckworth" <wb4mnf@atl.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "'BoatAnchors'" <boatanchors@theporch.com>
Subject: Re: Cleaning pots....
Date: Mon, 20 Sep 1999 08:05:10 +0100

Arden et-al,

I like starting fluid.
99cents on sale at the local auto parts store.
It's ether and a light lubrucant.
Highly volatile, explosive, do not use if your shack is in the same room
as the gas water heater :-)
But, it's cheap, it's quick, it works.

-bob

|What's your favorite living-on-the-edge formula??????

Message-ID: <37E64559.CE2F103F@ibm.net>
Date: Mon, 20 Sep 1999 10:31:54 -0400
From: Ray Vasek <w2ec@ibm.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Part needed for SP-600
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I need one of the ceramic RF coil assemblies for my SP-600, the one it came with
has been cracked into multiple pieces.

The part needed is the rearmost coil assembly mounted in the turret for the
14.8-29.7mc band position, it is part number 31399.

Thanks & 73, Ray W2EC

Message-ID: <37E6521D.455AB2BE@atd.ucar.edu>
Date: Mon, 20 Sep 1999 09:26:21 -0600
From: Chip Owens <owens@atd.ucar.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SX-28 info needed
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I just became the proud owner of a pretty nice Hallicrafters SX-28 Super Skyrider. It is in original condition except for the new ac line cord I installed.

The receiver works fine on the AM broadcast band but pretty numb on the higher frequencies. I need a schematic and alignment info before going much further with this thing. Can anyone help with the schematic and alignmnet info?

Thanks, Chip, NW00

--

Chip Owens (owens@atd.ucar.edu)

From: Stanley A Mcintosh <mcintos@basf-corp.com>
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <852567F2.005730E0.00@basf-corp-gw01.basf-corp.com>
Date: Mon, 20 Sep 1999 11:56:10 -0400
Subject: Power Supply Iron
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've asked this question before, kept a few of the responses, and probably ought to get whacked upside the head for asking again... but I can't help myself. Le boxe du junque has several transformers, two of which came from massive BA-TV's, and another pair came from military applications. There's a 2.7 kV transformer with a rating of 0.2A and a 1100-0-1100 0.28A unit. Either of the mil transformers makes the TV transformers look downright puny! According to at least one article I have, the average '50's era TV transformer can support a 400-500 watt linear (with 572's), but the ratings for the mil transformers suggest fewer watts/pound available ... or do they? With the 2.7_kV/0.2A unit, what sort of tube could I reasonably support in cathode-driven operation for ssb? for cw?

Thanks,
sam
mcintos@basf.com

End of BOATANCHORS Digest 2672

>From ???@??? Tue Sep 21 01:53:39 1999
Message-Id: <199909210059.d8L0x5M17120@sco.theporch.com>

Date: Mon, 20 Sep 1999 19:58:05 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2673

BOATANCHORS Digest 2673

Topics covered in this issue include:

- 1) For your amusement
by Bill Hawkins <bill@iaxs.net>
- 2) Looking for National TX model NTX-30. Swaps preferred.
by "Bob Duckworth" <wb4mnf@atl.org>
- 3) Power Supply Iron
by "William L. Fuqua III" <wlfluqu00@pop.uky.edu>
- 4) Tech. Help
by "Ray A. Allen, Sr." <w2kbr@pcbank.net>
- 5) Lesson Learned - International shipping
by Tom Laszynski <k8jrm@ionet.net>
- 6)
by Avery Comarow <acomarow@usnews.com>
- 7) WTB: National SW-3 Receiver
by "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
- 8) Re: Cleaning pots....
by "Barry L. Ornitz" <ornitz@tricon.net>
- 9) Re: For your amusement
by "Arden Allen" <gumbear@pacbell.net>
- 10) Re: Lesson Learned - International shipping
by "Arden Allen" <gumbear@pacbell.net>
- 11) RE: For your amusement
by "Owens, Clarence" <clare.owens@otis.com>
- 12) WTB Hallicrafters SX62 Knob
by "BROWN,MIKHAEL (HP-PaloAlto,ex1)" <mikhael_brown@am.exch.hp.com>
- 13) Re: Please Help Identify This Transmitter
by W0EOM@aol.com
- 14) Re: Cleaning pots....
by "Bob Duckworth" <wb4mnf@atl.org>
- 15) Re: For your amusement
by knepper <knepper@lenzlink.net>
- 16) Re: For your amusement
by Morris Odell <morriso@vifp.monash.edu.au>
- 17) RE: Cleaning pots....
by "Richard W. Solomon" <w1kszt@tiac.net>
- 18) RE: Cleaning pots....
by "Richard W. Solomon" <w1kszt@tiac.net>
- 19) Transformer Identity
by knepper <knepper@lenzlink.net>
- 20) RE: [Hallicrafters] silicon for selenium - final data AND upgrading/

refreshing the B&W 380-B
by "Ed Tanton" <n4xy@att.net>
21) MYSTERY TUBE- 1B24A
by "David L. Stinson" <arc5@ix.netcom.com>
22) Wanted: Johnson & Hammerlund parts pieces...
by Bruce Hopkins - KL7H <kl7h@arrl.net>
23) Re: MYSTERY TUBE- 1B24A
by John Shriver <jas@shiva.com>
24) tube info needed
by Bob Roehrig <broehrig@admin.aurora.edu>
25) Re: Lesson Learned - International shipping
by dma@islandnet.com

Date: Mon, 20 Sep 1999 11:08:31 -0500 (CDT)
From: Bill Hawkins <bill@iaxs.net>
Message-Id: <199909201608.LAA15861@citrus.iaxs.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: For your amusement

The Minneapolis Star-Tribune has a food column editor who is also an electrical engineer. He ranged from mildly to wildly humorous in that capacity, so now he has his own column on Monday. Name's Al Sicherman.

A year or two ago he did a column on the feelings of nostalgia brought on by the smell of vacuum tube radios, so he is one of us (or at least his nose works). Today he pokes fun at the chemical classification system while giving a tip on cleaning up after yet another unfinished project. We use chemicals, so I thought it might be interesting to the rest of the group. Maybe that's just Arden and Barry, but here's how to find the article:

Go to www.startribune.com/variety
In the Section Index sidebar, select Al Sicherman (under S)
Select the column for September 20

I've read Uncle Al before reading anything else for more than a decade. The 'net gives me a chance to share that amusement with someone else, even if I have to tell 800 people in order to find that one.

Regards,
Bill Hawkins

Message-Id: <199909201623.MAA08423@hat-trick.atl.org>
From: "Bob Duckworth" <wb4mnf@atl.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Looking for National TX model NTX-30. Swaps preferred.

Date: Mon, 20 Sep 1999 12:16:11 +0100

In spite of the fact that I'm working on the list of about 40 radios to dispose of,
the acquisition monkey won't get off my back. I need a fix!!!!
National NTX30 TX. Need not be mint. Need not be 'unmodified'. Need not
new orange drops or other such unctions. Modulator would be a nice bonus.
Hey, I already have a power tranny so it's OK if that's shot as well! Must
fit into
meager cash budget or swap for something that I've already had the radio
high from.
Don't even need a can of National, 'Millen approved', chassis wax.
Heck, need not be National if someone built a replica rather than buying.
Have a
homebuilt HRO replica to set it against.
-bob

Date: Mon, 20 Sep 1999 12:30:52 -0400 (EDT)
Message-Id: <199909201630.MAA04125@pop.uky.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: "William L. Fuqua III" <wlfuqu00@pop.uky.edu>
Subject: Power Supply Iron

At 10:57 AM 9/20/99 CDT, you wrote:

According to at
>least one article I have, the average '50's era TV transformer can support a
>400-500 watt linear (with 572's), but the ratings for the mil transformers
>suggest fewer watts/pound available ... or do they?
that is really pushing it. Maybe 300 or so watts CW. And remember that
those days power was measured as average DC plate input not output as today.
That is DC current X DC voltage. And a full gallon was 1000Watts DC plate input
power for all the amplifier stages contributing power to the antenna. If
you were running grounded grid you would have to add in the input power
of the exciter or transceiver.

73
Bill wa4lav

William L. Fuqua III P.E. E-mail WLFUQU00@POP.UKY.EDU Phone (606) 257-4155
Department of Physics and Astronomy CP-177 Chem. Phys. Bldg.
University of Kentucky , Lexington, Ky 40506-0055

Message-ID: <37E66301.217C0E57@pcbank.net>
Date: Mon, 20 Sep 1999 12:38:25 -0400
From: "Ray A. Allen, Sr." <w2kbr@pcbank.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Tech. Help
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

EEs and Bottle wizards:

Given Heath HP-23 series supply:

130V Bias
250/300V
820V
12/6 V filament

and Given Yaesu FTV650 6 Meter Converter:(Sand State w/12BY7 & one 6146)

Needing: 12/6 V filament
150V
300V
600V
-150V

What be the chances of powering the 650 with the HP 23??

Both use 11 pin connectors....

Methodologies solicited

Thanks
es 73 Ray
--

Ray A. Allen, Sr., W2KBR/3,AC98-00775,FM19qc
8303 Grainfield Rd., Severn,
Anne Arundel County, MD, 21144-2331

Message-Id: <3.0.2.32.19990920115248.007ba100@ionet.net>
Date: Mon, 20 Sep 1999 11:52:48 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Laszynski <k8jrm@ionet.net>
Subject: Lesson Learned - International shipping
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This is posted in made in the hope that it might help you avoid the problem
I recently encountered when shipping vacuum tubes and other small

boatanchor items overseas.

I had shipped five type 45 vacuum to Korea. Each tube was individually bubbled rapped and placed inside a small box stuffed with Styrofoam peanuts. This box was then placed in a larger box and stuffed with Styrofoam peanuts. This 2 pound, 3 oz. package was insured and airmailed using the United States Postal Service.

When the package arrived at its destination in Seoul Korea, the internal box was missing! The Korean buyer was polite in his e-mail notifying me of the missing tubes. I knew that I had included them in the package. In my response to him, I described my packing method and stated the shipping weight. To his credit, he took the empty box to the local post office and found that it weighted only 1 pound, 5 Oz. This proved that I had indeed packed the tube. He knew they were not in the box when it arrived. The only place he reasoned when the box was open was the customers office in Seoul. He was kind enough to go there and check for the internal package. They found it with the five 45's! It seemed that a custom's inspector opened the boxes but only included the outer box when resealing the package.

I have learned several things from this experience:

- A) Avoid double boxing of small items. One less box for customs to lose
- B) All international shipments are subject to custom's inspections
- C) It pays to deal with honest people. The guy could have kept the tubes. I was willing to refund his money and take my chances on being reimbursed the insure money. The custom's people could have trashed the tubes and nobody would have suspected.
- D) Placing a claim with the USPS can be a bear! I was told that:
 - a photograph of the item was needed
 - Proof of its value was required
 - Statement/photographs from the receiver of the package was needed
 - Proof that some thing was in the package was necessary
 - It would take at least 6 weeks to process a claim

All in all, I was very lucky.

Tom

K8JRM

Oklahoma City, OK 73150-8028

Message-Id: <2.2.32.19990920172257.00902e64@ntpop.usnews.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Date: Mon, 20 Sep 1999 13:22:57 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Avery Comarow <acomarow@usnews.com>
Subject:

Sorry to send this as a broadcast.

I had a mail server problem over the weekend, and received a "Mail set to postpone" message from "CREN ListProc(tm) Version 8.2" <listproc@theporch.com>.

How do I recover the messages that presumably are stalled somewhere?

73, Avery W40GK

Message-ID: <21B46CBD022AD1118F0500805F15A06801866873@stpmsx05.stp.guidant.com>
From: "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB: National SW-3 Receiver
Date: Mon, 20 Sep 1999 13:03:45 -0500
MIME-Version: 1.0
Content-Type: text/plain

Want to buy National SW-3 with coils and dog house supply. Thanks.

73, Scott WA9WFA in Saint Paul Minn

Message-Id: <199909201750.NAA22474@flash.naxs.net>
From: "Barry L. Ornitz" <ornitz@tricon.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Arden Allen" <gumbear@pacbell.net>
Subject: Re: Cleaning pots....
Date: Mon, 20 Sep 1999 14:54:49 -0400

Bob Duckworth wrote:
>I like starting fluid.

In the interest of newcomers to the group who may not realize the sick humor in this, please do not suggest such things. Automobile starting fluid is a mixture of ethyl ether and light hydrocarbons and is EXTREMELY flammable. The flash point is below room temperature, the boiling point is only slightly above room temperature, and the lower explosive limit can be as low as 1 percent.

While the old timers to the list know better (I hope), you have to remember that new subscribers come along often. Arden is quite correct about

virtually all modern contact cleaners being flammable, and I appreciate his warnings. Use them with caution, with the radio unplugged. If you can smell any residual solvent odor in a radio after using them, do not plug the radio in until the odor dissipates. You might be easily replaced, but the old radio may be one of a kind.

73, Barry L. Ornitz WA4VZQ ornitz@tricon.net

Message-Id: <199909201908.MAA16934@mta2.snfc21.pbi.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: For your amusement
Date: Mon, 20 Sep 1999 12:08:18 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

>We use chemicals, so I thought it might be interesting to the
> rest of the group. Maybe that's just Arden and Barry,

I'd like to know what the CAS number and MSDS is for 'goo'. Barry?

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <199909201923.MAA23626@mta2.snfc21.pbi.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Lesson Learned - International shipping
Date: Mon, 20 Sep 1999 12:14:36 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> D) Placing a claim with the USPS can be a bear! I was told that:
> a photograph of the item was needed
> Proof of its value was required
> Statement/photographs from the receiver of the package was
needed
> Proof that some thing was in the package was necessary
> It would take at least 6 weeks to process a claim

It makes you wonder who the 'enemy' is.....

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Content-return: allowed
Date: Mon, 20 Sep 1999 15:27:19 -0400
From: "Owens, Clarence" <clare.owens@otis.com>
Subject: RE: For your amusement
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0FID0085VI2757@mailman.otis.com>
MIME-version: 1.0
Content-type: MULTIPART/MIXED; BOUNDARY="Boundary_(ID_nqGchyHEJZJ/UpCgQhwx5Q)"

This message is in MIME format. Since your mail reader does not understand this format, some or all of this message may not be legible.

--Boundary_(ID_nqGchyHEJZJ/UpCgQhwx5Q)
Content-type: text/plain

Arden, go to:

<http://msds.pdc.cornell.edu/issearch/msdssrch.htm>

And enter "goo" in the search window to see 19 different MSDS entries for things with goo in their names. I don't remember whether you've mentioned Shoe G00 or some other G00 as your favorite stickum stuff but I'll bet it's there.

73, Clare Owens N2RJB

> -----Original Message-----

> From: Arden Allen [SMTP:gumbear@pacbell.net]

> Sent: Monday, September 20, 1999 2:08 PM

> To: Old Tube Radios

> Subject: Re: For your amusement

>

> >We use chemicals, so I thought it might be interesting to the

> > rest of the group. Maybe that's just Arden and Barry,

>

> I'd like to know what the CAS number and MSDS is for 'goo'. Barry?

>

> Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

--Boundary_(ID_nqGchyHEJZJ/UpCgQhwx5Q)

* * * * *

* FORBIDDEN MESSAGE FORMAT *

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* rest of message truncated *

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* * * * *

Message-ID: <AE5322A8186ED311A0CF009027403BC42D64C4@xpa01.corp.hp.com>
From: "BROWN,MIKHAEL (HP-PaloAlto,ex1)" <mikhael_brown@am.exch.hp.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB Hallicrafters SX62 Knob
Date: Mon, 20 Sep 1999 13:38:05 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I am in need of a band switch knob for a Hallicrafters SX-62A. E-mail me if you have an extra for sale.

73's

Mike

--

Mikhael Brown <mikhael_brown@hp.com>

From: W0EOM@aol.com
Message-ID: <797da767.2517eeb8@aol.com>
Date: Mon, 20 Sep 1999 16:10:32 EDT
Subject: Re: Please Help Identify This Transmitter
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

David - the ET-8003 xmtr is shown and described, installation, etc in Sterling's Radio Manual, 3rd ed, 1938. bottom dial is VF0, upper is antenna tune. Tubes are UX-210.
the motor-generator used with the set puts out 110 volts, 350 cycles, so you may not want to plug it into 60 cps. (hope I do not have to say hertz for this old set)

Will Santa Clara, CA

Message-Id: <199909202029.QAA08950@hat-trick.atl.org>
From: "Bob Duckworth" <wb4mnf@atl.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Arden Allen" <gumbear@pacbell.net>
Subject: Re: Cleaning pots....
Date: Mon, 20 Sep 1999 16:22:34 +0100

No humor intended but...

Maybe I should have provided a little more safety info for folks who might not read the label.

BAG: whatsa good 2A3 substitute if any?

Message-ID: <37E6A6CD.B6199D50@lenzlink.net>
Date: Mon, 20 Sep 1999 17:27:42 -0400
From: knepper <knepper@lenzlink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: For your amusement
Content-Type: multipart/mixed; boundary="-----BD5E7276B3DFC18DFFFF5DE7"

This is a multi-part message in MIME format.

-----BD5E7276B3DFC18DFFFF5DE7
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

And do not forget about relays, too.

Arden Allen wrote:

> >We use chemicals, so I thought it might be interesting to the
> > rest of the group. Maybe that's just Arden and Barry,
>
> I'd like to know what the CAS number and MSDS is for 'goo'. Barry?
>
> Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

--

David Knepper, W3ST
Publisher of the Collins Journal,
the official publication of the new Collins Radio Association
website: <http://www.pixi.com/~jenkins/collins/>

-----BD5E7276B3DFC18DFFFF5DE7

* * * * *
* FORBIDDEN MESSAGE FORMAT *
* * * * *
* rest of message truncated *

* * * * *

Message-ID: <37E6B636.366BF2F5@vifp.monash.edu.au>
Date: Tue, 21 Sep 1999 08:33:26 +1000
From: Morris Odell <morriso@vifp.monash.edu.au>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: For your amusement
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Owens, Clarence wrote:

>
> MSDS entries for
> things with goo in their names.

Back in my petrol head days I knew a wonderful product called "Gasket Goo". It was a great substitute for gaskets made of unobtainium which were quite common even 30 years ago. Even now, there are the odd boatanchor mechanical parts where you need something similar.

73

Morris

Message-ID: <01BF0399.45FF44A0.w1kszt@tiac.net>
From: "Richard W. Solomon" <w1kszt@tiac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "'BoatAnchors'" <boatanchors@theporch.com>
Subject: RE: Cleaning pots....
Date: Mon, 20 Sep 1999 18:36:51 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I find De-Oxit to be quite satisfactory and haven't had it blow up yet.
Why spend \$\$\$\$ on a B/A and then scrimp on the cleaner ??
73, Dick, W1KSZ

-----Original Message-----

From: Arden Allen [SMTP:gumbear@pacbell.net]
Sent: Sunday, September 19, 1999 10:36 PM
To: w1kszt@tiac.net; Old Tube Radios
Cc: 'BoatAnchors'
Subject: Re: Cleaning pots....

> I hope that old BA doesn't spark !!

For the sake of reason I'll dampen Richard's enthusiasm for disaster a little:

Nearly ALL electronic contact cleaners that sell for a reasonable price contain flammable solvents these days. It's not just a hazard from lighter fluid, all purpose lubes or foo-foo juice. Soooooooo, it's not a good idea to spray and switch with the power on. After a few minutes the more volatile components evaporate and the lower volatility lubricants remain. The flash fire hazard becomes nil after the drying time has lapsed (one hopes). BUT, don't take my word for it, do some tests on your elected magic switch cleaner. DON'T spray while switching unless you want to develop a FLAME THROWER. Apply fluid, set container aside and then rotate or throw switch. DON'T do this test on your rig, do it on an experimental setup. Some reasonably safe level of DC voltage applied to switch contacts through a 1-10 henry choke will make nice sparks. If things catch fire after a reasonable drying time, stuff ain't suitable for a switch or pot lube. What's your favorite living-on-the-edge formula??????

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <01BF0399.4DC99780.w1ksz@tiac.net>
From: "Richard W. Solomon" <w1ksz@tiac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "'BoatAnchors'" <boatanchors@theporch.com>
Subject: RE: Cleaning pots....
Date: Mon, 20 Sep 1999 18:44:01 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

And, after a while, if that old B/A still doesn't work, you don't care !!
73, Dick, W1KSZ

-----Original Message-----
From: Bob Duckworth [SMTP:wb4mnf@atl.org]
Sent: Monday, September 20, 1999 3:05 AM
To: Old Tube Radios
Cc: 'BoatAnchors'
Subject: Re: Cleaning pots....

Arden et-al,

I like starting fluid.
99cents on sale at the local auto parts store.

It's ether and a light lubrucant.
Highly volatile, explosive, do not use if your shack is in the same room
as the gas water heater :-)
But, it's cheap, it's quick, it works.

-bob

|What's your favorite living-on-the-edge formula??????

Message-ID: <37E6C3ED.4D34A3F9@lenzlink.net>
Date: Mon, 20 Sep 1999 19:31:57 -0400
From: knepper <knepper@lenzlink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Transformer Identity
Content-Type: multipart/mixed; boundary="-----FDD33223A282ADFFB847C97A"

This is a multi-part message in MIME format.

-----FDD33223A282ADFFB847C97A
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I need help in identifying the rating of a transformer with the
following markings:

C.S.T.C (possibly Chicago Standard Transformer Company)
Number 29087

It is the same size and appearance as the plate transformer in the
Collins 30S-1.
When I take a resistance reading of the secondary, the reading does not
match the ohmic value of my 30S-1 plate transformer. The secondary has
two separate windings with four wires (2 for each winding) coming out in
long black high voltage wire.
The primary is about No. 16 wire that are soldered to a black terminal
strip.

Thank you.

David Knepper, W3ST
Publisher of the Collins Journal,
the official publication of the new Collins Radio Association
website: <http://www.pixi.com/~jenkins/collins/>

-----FDD33223A282ADFFB847C97A

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* FORBIDDEN MESSAGE FORMAT *

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* rest of message truncated *
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From: "Ed Tanton" <n4xy@att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Hammarlund Reflector" <hammarlund@qth.net>,
"BoatAnchor Reflector" <boatanchors@theporch.com>
Subject: RE: [Hallicrafters] silicon for selenium - final data AND upgrading/
refreshing the B&W 380-B
Date: Mon, 20 Sep 1999 19:29:47 -0400
Message-ID: <NBBBJDEEIFDDANGEGHLBOEMGGPAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello again Bruce et al... here's the final results. First the parameters:
replacement of a single selenium rectifier in a B&W T/R Switch 1/2 wave
rectifier circuit. Original circuit has a capacitor input with a pair of 22
uFd caps separated by a 1k 1/2W resistor. Voltages were: 135VDC at the
output of the selenium rectifier, and 125VDC on the other side of the 1k
1/2W resistor. After replacement of the selenium with a 1N4007, voltages
jumped to 178VDC and 163VDC respectively. I changed the 1k resistor to 3.4k
3W (it was handy) but voltages remained way too high. I added a 1.2k 1W
resistor between the output of the diode and the 1st capacitor, lowering the
voltages nicely to 124 and 105 respectively. OK. Changing that 3.4k resistor
to a 1.6k (it also was handy) settled the voltages to nearly perfect: 143VDC
and 124VDC. I am stopping there... that's too good to fuss with.

Changes to the B&W T/R Switch were:

- 1) all the capacitors were 0.01uFd probably 1kv; these were all changed to 0.01 2kv caps I had that were essentially the same size;
- 2) there were no capacitors across the input AC but there were 2 0.001s after the 2 probable 1uH solenoid wound input chokes. I changed these for 300VAC rated 0.01s. I also added a pair of these before the chokes for a better suppressed pi-network;
- 3) there is no fuse in the B&W... and that I find scary. It was possible-w/o looking too bad-to add a 1A SB in series with one of the input line chokes (the hot one of course), covering it with clear shrink tubing.
- 4) that brings up adding a 3-wire cord, another necessity in my book;
- 5) I swapped out the dual section 2x20uFd 150VDC electrolytic for a pair of 22uFd 200VDC caps; they were smaller to boot, helping to make room for the selenium/resistor swap;
- 6) I exchanged both connectors for new ones (S0-239s.)

7) I swapped the selenium rectifier for a 1N4007; adding a 1.2k 1W resistor in series with the resistor, and changing the 1k 1/2W existing resistor (between the two electrolytics) to a 1.6k 1W. Net voltage difference caused by the change is -1VDC on the 6BH6.

What you have now is a like-new T/R Switch, that ought to be a happy camper for years to come. Also, with the higher voltage standoff cap, I expect its lower rating could be raised to full legal limit power.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Message-ID: <37E6C3A2.9A5CC490@ix.netcom.com>
Date: Mon, 20 Sep 1999 18:30:43 -0500
From: "David L. Stinson" <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: MYSTERY TUBE- 1B24A
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is one of the strangest tubes I've seen.
I'd guess it's x-ray, but thought I'd submit it to
your collective knowledge.

<http://www.arc5.com/tubes/1b24a.jpg>

The glass window in the round thing allows you to see
two sharp points separated by a couple of millimeters.
It looks like a spark gap of some kind.
The silver cylinder opposite the glass cylinder
has a large adjustment screw, seemingly to adjust the
space in this gap.

Any ideas?

73 Dave Stinson AB5S

Message-Id: <v03007801b40c78167930@[208.161.164.121]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 20 Sep 1999 15:50:54 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Bruce Hopkins - KL7H <kl7h@arrl.net>
Subject: Wanted: Johnson & Hammerlund parts pieces...

Hi Gang...

I am in need of the external Coupler for the 275W Johnson Matchbox with internal meter... Or, perhaps someone has the schematic for same and I could roll my own... Also looking for the calibration reset knob for a Hammerlund HQ-170A and the plastic meter cover for a Viking Ranger II...

Thanks for your time... Take care and have fun... Keep-em-Glowing...

72 / 73 / oo's - Bruce - KL7H
Fairbanks, Alaska

"Alaska QRP Club" - Web Site: <http://home.gci.net/~bhopkins/akqrp>
or: <http://www.qsl.net/kl7aqc>
- 10 Meter Beacon: 28.282.28+/- KL7AQC / BCN

Date: Mon, 20 Sep 1999 20:15:56 -0400
Message-Id: <199909210015.UAA00765@brill.shiva.com>
From: John Shriver <jas@shiva.com>
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: MYSTERY TUBE- 1B24A

Precisely. A spark gap. For radar. Used in Transmit-Receive switch.

Basically, it was put in the waveguide as part of the system to keep from cooking the receiver with the full power of the transmitter. (That would likely blow up the front end of the receiver, like the 1N21 "crystal".) They shared one antenna, after all.

Says Tube Lore, it's tuneable for 8.5 to 9.6 GHz.

Further from Tube Lore, it's Radium activated. Might make your Gieger counter tick.

Date: Mon, 20 Sep 1999 19:51:44 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: tube info needed
Message-ID: <Pine.OSF.3.96.990920195117.1756A-100000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone have the specs on a Westinghouse WL332?

"Nostalgia is a thing of the past"

E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-4222

Message-Id: <m11TEEx-0006e8C@mail.islandnet.com>
Date: Mon, 20 Sep 1999 17:56:23 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: dma@islandnet.com
Subject: Re: Lesson Learned - International shipping
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:52 AM 9/20/99 -0500, Tom Laszynski wrote:

>
>This is posted in made in the hope that it might help you avoid the problem
>I recently encountered when shipping vacuum tubes and other small
>boatanchor items overseas.

Very interesting - and it is nice to know that honesty is alive and well!

I hope this doesn't discourage anyone from selling internationally. It's real simple, and rarely goes wrong - especially if you follow the post office rules about filling out the declaration.

When a shipment comes to Canada, you will know if it has been opened for inspection. First, the nice little note that Customs attaches to the package will say so. Also, when the package is resealed, it is with a distinctive sealing tape. As I recall, in say 40 shipments I've had from the US, only one was opened - of all things a manual. Huge boxes come unopened, but an envelope obviously full of paper was opened.

As someone who often ships BA stuff to the US, I would love to know more about the rules US Customs follows. I've had some difficulty getting the straight story from the friendly guys at the border! E.g. how high a valuation results in you having to pay duty or whatever? Is there even such a thing as duty or any kind of tax for stuff that originally came from the US? And so on.

Not entirely on topic, but critical (for me anyway) to the flow of BA parts and gear back and forth across our mutual border!

Jan Skirrow, VE7DJX

... in sunny Maple Bay, BC, Canada

"So many radios, so little time"

<http://www.islandnet.com/~dma/Boatanchors/>

Information, Parts, Pictures, Articles: The R-390A
and other classic gear.

End of BOATANCHORS Digest 2673
